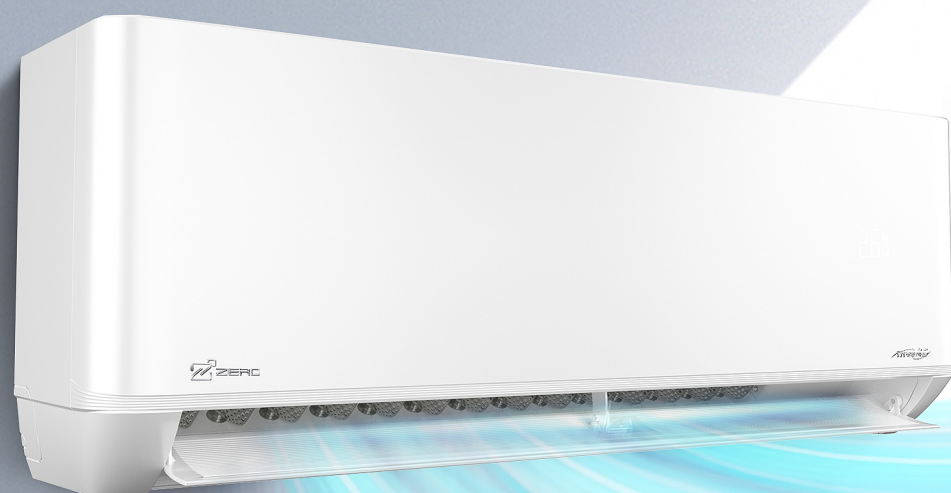




MAX SERIES

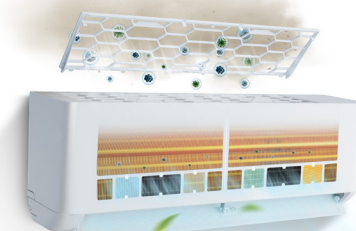
Z-MAX US HYPER HEAT R454B SERIES

Full DC
inverter



Top opened Dust Filter of IDU

It is applied top opened filter that is integrated with high density filter. Also, it is optional to have multiple combination of healthy filters for effective air filtering in the room.

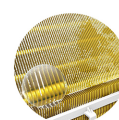


High Temperature Self-cleaning & Sterilization

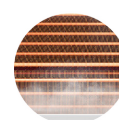
- * Heat Pump DC Inverter Only
- * Optional



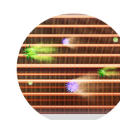
Frosting



Defrosting



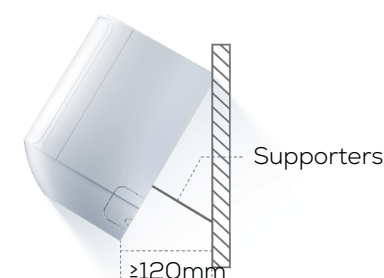
High
Temperature
Drying



56°C High
Temperature
Sterilization

Easy Installation Supporter for IDU Plate

Optimized Installation Plate

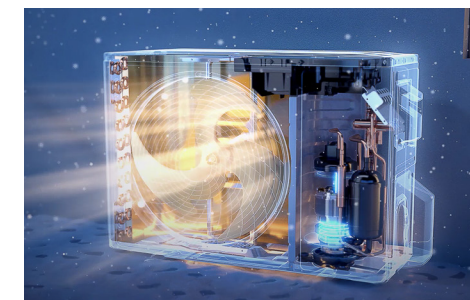


Convenient Installation

- Gap ≥ 120 MM
- Supporters Available

Low Temperature Heating

-25°C Ambient: Still can work stable.



Deep Easy Clean for IDU Air-channel

The bottom plate, louver & vanes can be easily disassembled & assembled within 20", Which will be easy to clean the duct system, including wiping the cross fan when it is power off.



USB-WIFI Control to Alexa and Google Dot

Users can easily control the air-con outside the house via smart device. Through cloud data analysis and voice command, the unit can be controlled by voice, through the Alexa and Google Dot.



55°C High Temperature Self-cleaning

* Heat Pump Only



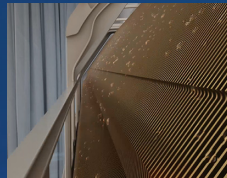
Evaporator is frosted to freeze the dirt on the fin then starts defrosting to generate a large amount of water to brush away the dirt.
After 55°C quick-drying, the evaporator becomes cleaner & more sterile.



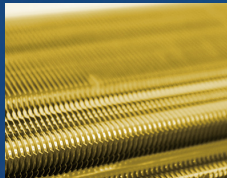
Frosting



Defrosting



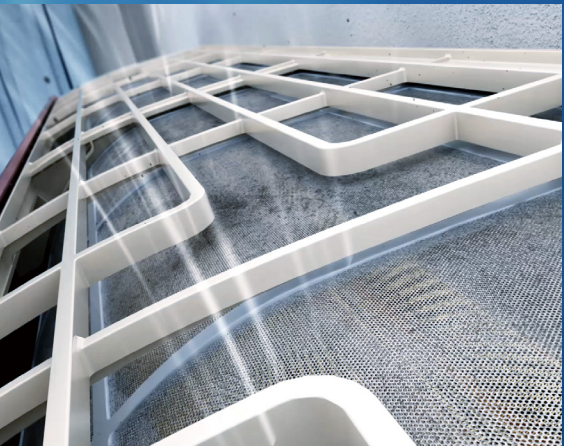
55°C High Temperature Drying



Cleaner & More Sterilized

Filter-cleaning Reminder

After running for a particular period, the air-con will automatically detect the cleanliness of the filter and remind users of filter cleaning to avoid too much bacteria being accumulated on the filters and provide users with healthy air.



CL

Auto-reminder



Healthy Filter



Photocatalyst Filter



Silver ion Filter



Active Carbon Filter



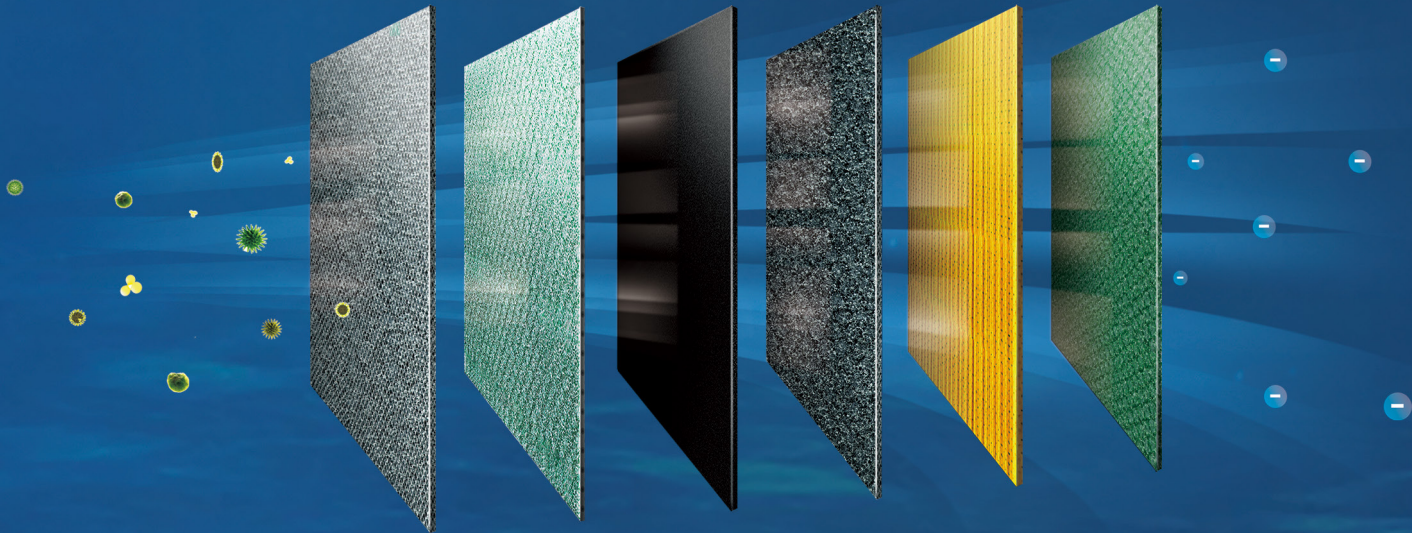
Catechin Filter



Vitamin C Filter



Catalyst Filter



Technical Specification of
Z-MAX US Hyper Heat R454B Series--24 SEER2

ZERO Model			ZMSB-09HVT110-USHHR2	ZMSB-12HVT110-USHHR2	ZMSB-09HVT-USHHR2
Power supply			115V~/60Hz/1P	115V~/60Hz/1P	208/230V~/60Hz/1P
Rated Cooling (95F/35C)	Rated cooling capacity (95F/35C)	Btu/h	9000	12000	9000
	EER2 (95F/35C)	Btu/W.h	13.0	12.5	13.0
	SEER2	Btu/W.h	24.0	22.0	24.0
Rated Heating	Rated Heating capacity(47F/8.3C)	Btu/h	10000	12000	10000
	HSPF2 Rating (Region IV)	Btu/W.h	10	9.5	10
	COP2 (47F/8.3C)	W/W	3.81	3.61	3.81
	Max. Heating capcacity (5°F/-15°C)	W/W	7700	8950	7700
	COP2 (5°F/-15°C)	W/W	2.0	2.0	2.0
NEEP, Canada			YES	YES	YES
Max. Fuse size		A	25	25	15
Moisture removal		Liters/h	1.1	1.6	1.1
MXimum Operation Pressure		PSIG	550	550	550
Indoor Packing dimensions (W x D x H)		mm	890×380×265	990×380×265	890×380×265
		inch	35.04×14.96×10.43	38.98×14.96×10.43	35.04×14.96×10.43
Outdoor Packing dimensions (W x D x H) (with pipe)		mm	852x358x610	852x358x610	852x358x610
		inch	33.54x14.09x24.02	33.54x14.09x24.02	33.54x14.09x24.02
Loading Capacity (IN+OUT)	40'HC (with pipe)		229	224	229
Loading Capacity (INOOR)	40'HC/ 40'GP/ 20'GP		713/610/287	650/556/260	713/610/287
Loading Capacity (OUT)	40'HC/ 40'GP/ 20'GP(with pipe)		344/258/120	344/258/120	344/258/120
Factory Precharge Line		(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25
MXimum Line Length		(m/ft)	15 / 50	15 / 50	15 / 50
MXimum Height Difference Between Indoor and Outdoor		(m/ft)	10 / 33	10 / 33	10 / 33
Additional refrigerant charge		(g/m, oz/ft)	20 / 0.22	20 / 0.22	20 / 0.22
Operation temperature		°C	16~31	16~31	16~31
Ambinet temperature	Indoor(cooling/ heating)	°C	>=17/<=30	>=17/<=30	>=17/<=30
	Outdoor(cooling/heating)	°C	-15~55/-25~30	-15~55/-25~30	-15~55/-25~30
Ambinet temperature	Indoor(cooling/ heating)	F	62~89/32~86	62~89/32~86	62~89/32~86
	Outdoor(cooling/heating)	F	5~131/-13~86	5~131/-13~86	5~131/-13~86

ZERO Model			ZMSB-12HVT-USHHR2	ZMSB-18HVT-USHHR2	ZMSB-24HVT-USHHR2
Power supply			208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
Rated Cooling (95F/35C)	Rated cooling capacity (95F/35C)	Btu/h	12000	18000	24000
	EER2 (95F/35C)	Btu/W.h	13.0	13.0	11.7
	SEER2	Btu/W.h	23.0	22.0	20.0
Rated Heating	Rated Heating capacity(47F/8.3C)	Btu/h	12000	18500	24000
	HSPF2 Rating (Region IV)	Btu/W.h	9.5	9.3	9.3
	COP2 (47F/8.3C)	W/W	3.61	3.61	3.21
	Max. Heating capcacity (5°F/-15°C)	W/W	8950	13600	17400
	COP2 (5°F/-15°C)	W/W	2.0	2.0	1.8
NEEP, Canada			YES	YES	YES
Max. Fuse size		A	15	20	30
Moisture removal		Liters/h	1.6	2.2	2.6
MXimum Operation Pressure		PSIG	550	550	550
Indoor Packing dimensions (W x D x H)		mm	990×380×265	1165×405×295	1165×405×295
		inch	38.98×14.96×10.43	45.87×15.95×11.61	45.87×15.95×11.61
Outdoor Packing dimensions (W x D x H) (with pipe)		mm	852x358x610	960×430×750	1028×485×850
		inch	33.54x14.09x24.02	37.79x16.92x29.53	40.47x19.09x33.46
Loading Capacity (IN+OUT)	40'HC (with pipe)		224	150	117
Loading Capacity (INOOR)	40'HC/ 40'GP/ 20'GP		650/556/260	498/422/204	498/422/204
Loading Capacity (OUT)	40'HC/ 40'GP/ 20'GP(with pipe)		344/258/120	189/187/89	144/96/44
Factory Precharge Line		(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25
MXimum Line Length		(m/ft)	15 / 50	20 / 65	20 / 65
MXimum Height Difference Between Indoor and Outdoor		(m/ft)	10 / 33	15 / 49	15 / 49
Additional refrigerant charge		(g/m, oz/ft)	20 / 0.22	20 / 0.22	20 / 0.22
Operation temperature		°C	16~31	16~31	16~31
Ambinet temperature	Indoor(cooling/ heating)	°C	>=17/<=30	>=17/<=30	>=17/<=30
	Outdoor(cooling/heating)	°C	-15~55/-25~30	-15~55/-25~30	-15~55/-25~30
Ambinet temperature	Indoor(cooling/ heating)	F	62~89/32~86	62~89/32~86	62~89/32~86
	Outdoor(cooling/heating)	F	5~131/-13~86	5~131/-13~86	5~131/-13~86



24H Timer



Turbo Mode



Display On/off



Four way Auto Swing



High temperature (55 °C) cooling



Self-diagnosis



Refrigerant Leakage Detector



Fire-proof Electrical Box



Auto-restart



Follow Me /I Feel



Healthy filter



8°C heating

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